

WHAT IS CLAIMED IS:

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1. A stylus, comprising a stem; and a coating formed of one of
an elastically deformable synthetic material and a plastically deformable
synthetic material and covering at least a part of the stem.

2. A stylus as set forth in claim 1, wherein the stylus has a
breaking point, and the coating is applied in a region of the breaking point.

3. A stylus as set forth in claim 1, wherein the coating covers
the entire stem.

4. A stylus as set forth in claim 1, wherein the stem is formed
as a one-piece member.

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5. A stylus set forth in claim 1, wherein the coating is formed
as a shrink sleeve that is put on the stem.

6. A stylus, as set forth in claim 1, wherein the one of an
elastically deformable synthetic material and a plastically deformable synthetic
material is an impact-resistant synthetic material.

7. A coordinate-measuring apparatus, comprising a touch probe; and a stylus connectable to the touch probe and including a stem covered, at least partially, by a coating formed of one of an elastically deformable synthetic material and a plastically deformable synthetic material.

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